LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW CONSTRUCTION
- NEW CONC. BLOCK WALL CONSTRUCTION
- (2) WALL TYPE
- (01) DOOR NUMBER
- 1114 ROOM NUMBER
- 6 / A-3 ELEVATION
- 1 / A-3 SECTION/DETAIL

SCOPE

INSTALLATION AND CONSTRUCTION OF NEW ELEVATOR AND ELEVATOR SHAFT. EXPANSION OF EXISTING PRIVATE UNISEX TOILET ROOM INTO A NEW PUBLIC UNISEX ADA TOILET ROOM.

CODE DATA

USE GROUP - A-4 (CHURCHES)

CONSTRUCTION CLASS - 3B

NO CHANGE IN USE

NO CHANGE IN OCCUPANCY

NO CHANGE IN SQUARE FOOTAGE

PER SECTION 1103.3 OF THE O.B.B.C. A SHAFT CONNECTING LESS THAN (4) STORIES SHALL BE RATED (1) HR.

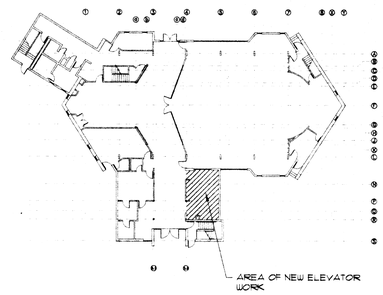
PER RULE 1001.6 OF THE OHIO ELEVATOR CODE SINCE THE ELEVATOR MACHINE ROOM IS SEPARATED FROM THE ELEVATOR SHAFT WITH (1) HR CONSTRUCTION THE MACHINE ROOM DOES NOT HAVE TO BE RATED.

DEMOLITION NOTES

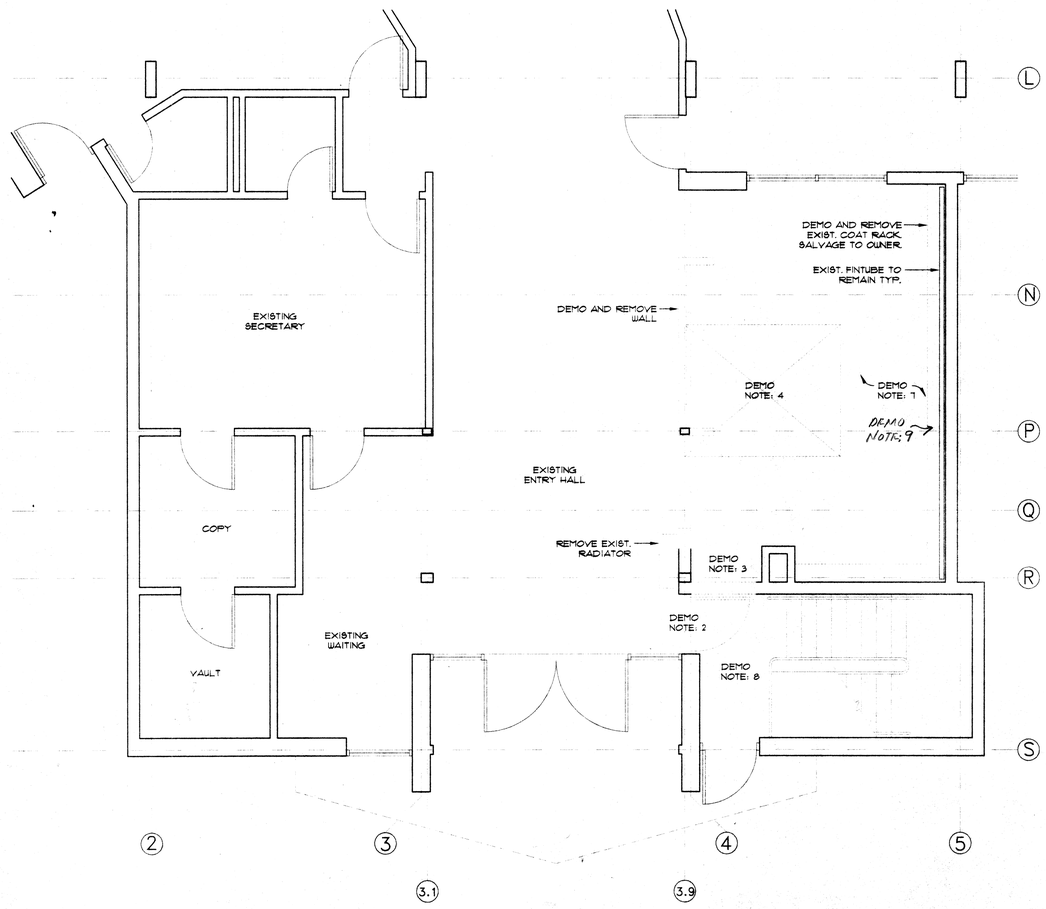
1. ALL WORK SHALL BE PER "OBBC" AND ANY OTHER APPLICABLE REGULATIONS.
2. DEMO DOOR AND FRAME.
3. REMOVE SECTION OF WALL FOR NEW DOOR INSTALLATION.
4. SAW CUT AND REMOVE SECTION OF EXISTING REINFORCED CONC. SLAB REQ'D. FOR NEW ELEVATOR SHAFT CONSTRUCTION.
5. REMOVE DOOR, FRAME, LINTEL, AND SECTION OF WALL REQ'D. FOR NEW CONSTRUCTION.
6. REMOVE EXIST. PLUMBING FIXTURES. CUT AND CAP UTILITIES TO EXIST. SINK. PREPARE UTILITIES TO TOILET TO RECEIVE NEW.
7. REMOVE EXISTING LAY-IN CEILING AND GRID IN AREAS TO RECEIVE NEW WORK.
8. REMOVE EXISTING LAY-IN CEILING AND GRID IN EXISTING STAIRWELL Ø3.
9. REMOVE COAT RACKS IN AREAS OF NEW CONSTRUCTION. SAVE FOR FUTURE RELOCATION. COORDINATE RELOCATION WITH COVE UNITED CHURCH.

(1) ELEVATOR
(1) TOILET
(LAY IN CEILING CONTAINS ASBESTOS)

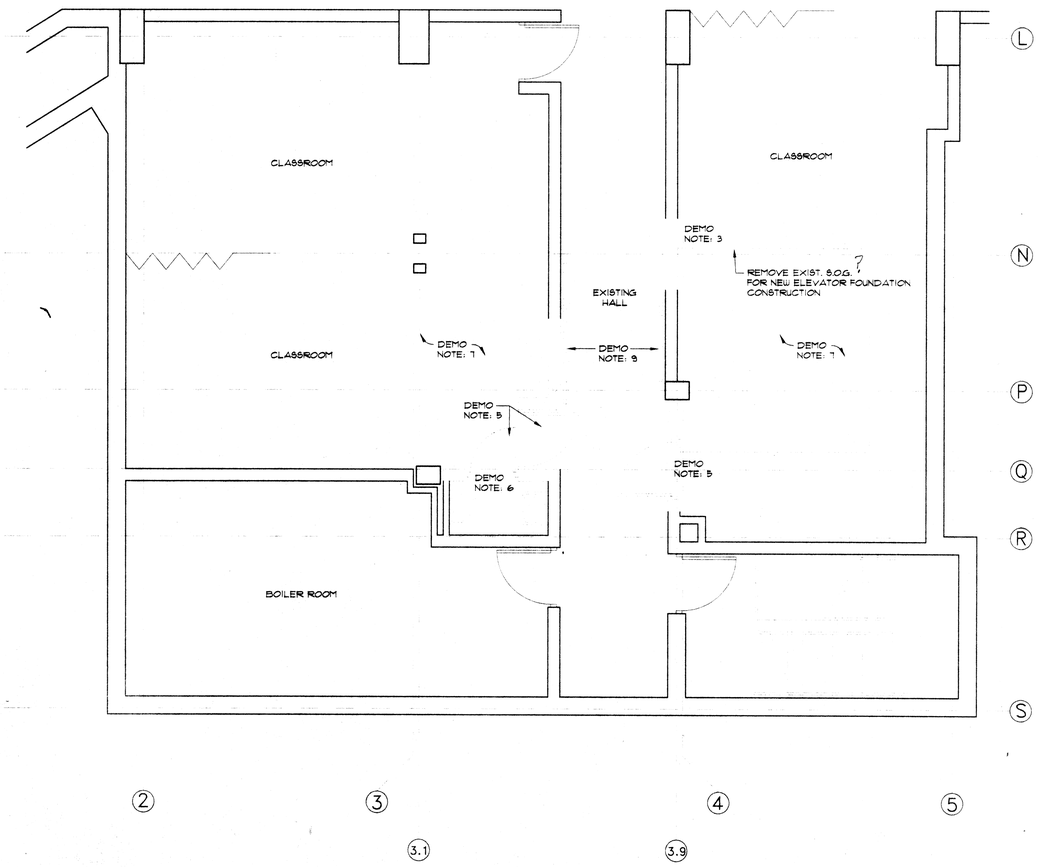
SHEET INDEX



1 FIRST FLOOR KEY PLAN
SCALE: NONE



A FIRST FLOOR DEMOLITION PLAN
SCALE 1/4"=1'-0"



B LOWER LEVEL DEMOLITION FLOOR PLAN
SCALE 1/4"=1'-0"

KALAPOS ARCHITECTS
2130 SUPERIOR AVE.
SUITE 3B
CLEVELAND, OHIO 44114
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216-928-6613 FAX

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	9.09.01

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STATE OF OHIO
BETH ANN KALAPOS
10434
REGISTERED ARCHITECT

COVE UNITED METHODIST CHURCH

ADA ELEVATOR AND RESTROOM
12501 LAKE AVE
LAKEWOOD, OH 44107

D-1

#0027

LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW CONSTRUCTION
- NEW CONC. BLOCK WALL CONSTRUCTION
- (2) WALL TYPE
- (Ø1) DOOR NUMBER
- 1114 ROOM NUMBER
- 6 / A-3 ELEVATION
- 1 / A-3 SECTION/DETAIL

GENERAL NOTES

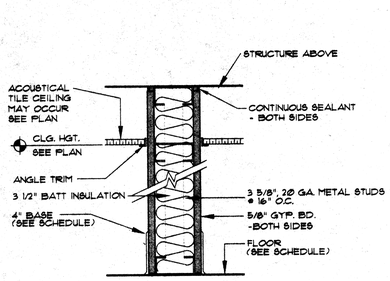
1. ALL WORK SHALL BE PER "OBBC" AND ANY OTHER APPLICABLE REGULATIONS.
2. ALIGN FINISHED FACE OF NEW PARTITION WITH EXISTING CONSTRUCTION
3. G.C. TO PHASE ALL WORK AS NOT TO DISTURB EVERYDAY OPERATIONS AND/OR FUNCTIONS AT THE EXISTING CHURCH.
4. PATCH AND MATCH ALL FINISHES, DISTURBED BY NEW CONSTRUCTION, TO MATCH EXISTING, U.N.O.
5. RELOCATE SALVAGED COAT RACKS REMOVED FROM LOWER LEVEL HALLWAY AS DIRECTED BY OWNER. REWORK RACK AS REQ'D.
6. CONTRACTOR IS RESPONSIBLE FOR STANDARD FLOOR PREP. FOR CARPET AND TILE INSTALLATION.
7. PROVIDE NEW STEEL LINTELS ABOVE ALL NEW MASONRY OPENINGS. SEE LINTEL SCHED. AND STRUCT.
8. NEW ELEVATOR SHAFT TO BE CONSTRUCTED WITH (1) HR RATED CONC. BLOCK. SEE STRUCT.
9. PROVIDE NEW COAT RACK AS SHOWN. "CUSTOMLINE" BY VOGEL PETERSON MODEL #AA2ØØE OR EQUAL COLOR: ARCHITECTURAL BRONZE MOUNT @ 54" TYP.
10. PATCH EX. S.O.G. AFTER INSTALLATION OF NEW ELEVATOR SHAFT. SEE SECTIONS SHEET A-4.

STEEL LINTEL SCHEDULE

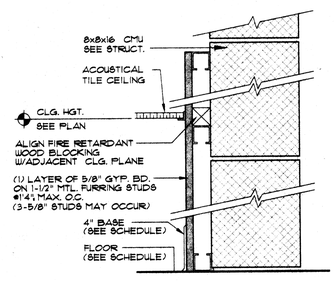
1. Provide steel lintels as per the following schedule in all masonry wall openings when not shown on drawings, or in openings required by the architectural, mechanical, and electrical drawings.

For openings up to 4'-Ø"	L 3 1/2 x 3 1/2 x 1/4
For openings from 4'-1" to 6'-Ø"	L 5 x 3 1/2 x 5/16
For openings from 6'-1" to 7'-Ø"	L 6 x 3 1/2 x 5/16
For openings from 7'-1" to 10'-Ø"	W 8 x 18 with 5/16 plate
For openings greater than 10'-Ø" and not shown on plans contact Structural Engineer	

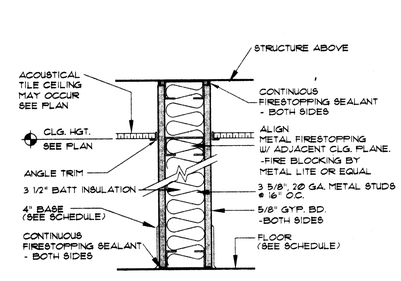
2. All lintels shall have 1" of bearing for each foot of span with a minimum of 6" bearing at each end.
3. All lintels shall bear on 8" of solid masonry, U.N.O.
4. Use one angle for each 4" wythe of masonry. Plates are to be 1" less than nominal wall thickness.
5. Minimum thickness of lintels in exterior walls to be 5/16".



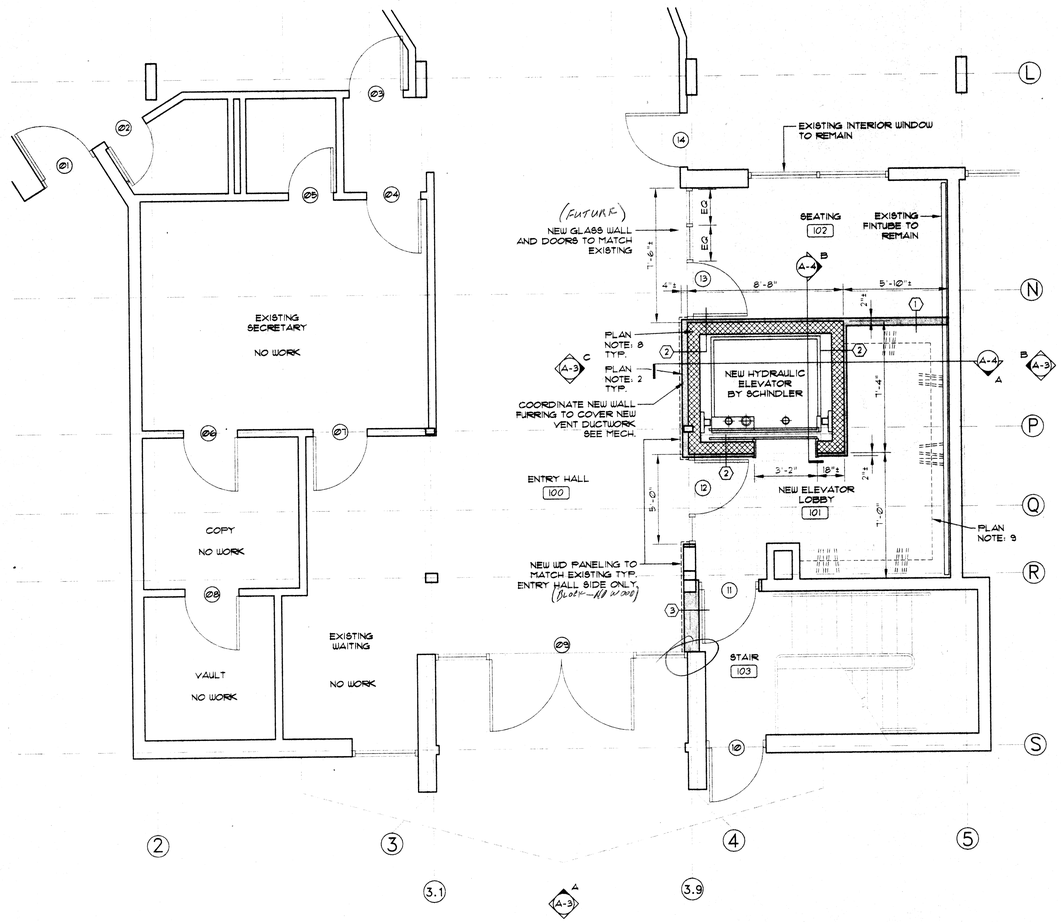
WALL TYPE (1) (FULL HGT. PARTITION)



WALL TYPE (2) (FURRED BLOCK WALL)

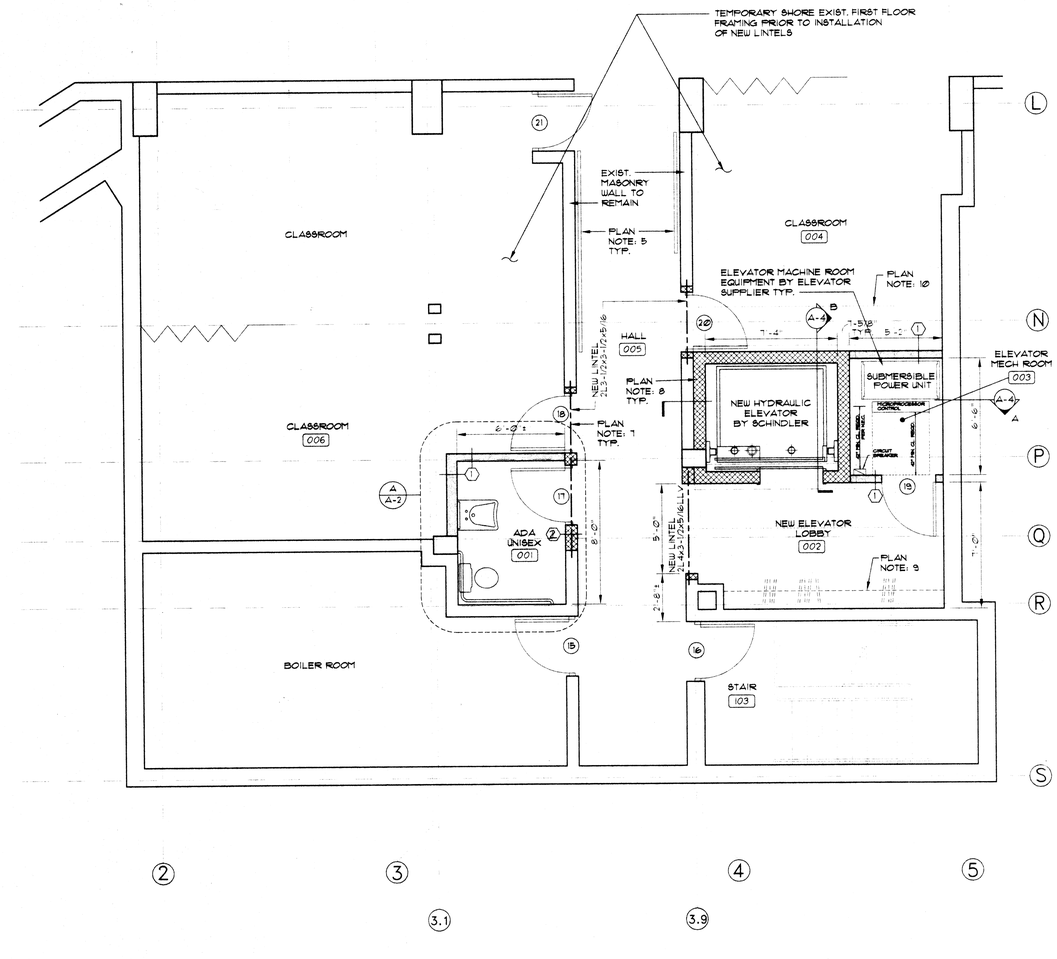


WALL TYPE (3) (1 HR RATED PARTITION)



1 FIRST FLOOR PLAN

SCALE 1/4"=1'-0"



2 LOWER LEVEL FLOOR PLAN

SCALE 1/4"=1'-0"

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A-1

"ØØ27

CEILING LEGEND

EXISTING ACOUSTICAL CEILING TO REMAIN

NEW 2x4 ACOUSTICAL CEILING TO REMAIN

NEW INCANDESCENT DOWN LIGHT FIXTURE SEE ELECT.

NEW INCANDESCENT LIGHT FIXTURE SEE ELECT.

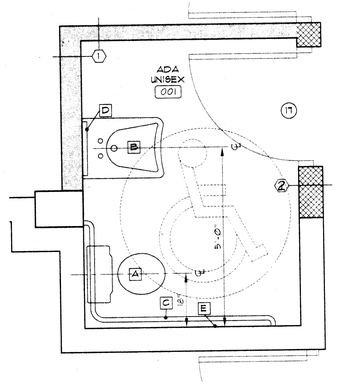
NEW 2x4 FLUORESCENT LIGHT FIXTURE SEE ELECT.

NEW 2x2 FLUORESCENT LIGHT FIXTURE SEE ELECT.

CEILING PLAN NOTES

1. NEW 2x4 ACOUSTICAL HUNG CEILING TO MATCH EXISTING.
2. REPAIR / REPLACE ALL EXISTING ACOUSTICAL HUNG CEILING DISTURBED BY NEW CONSTRUCTION TO LIKE NEW CONDITION.
3. REPLACE ALL EXISTING DAMAGED CEILING TILES THROUGHOUT CLASSROOM 004, HALL 005, CLASSROOM 006, AND ENTRY HALL 100.

(4) CEILING TILES CONTAINS ASBESTOS



TOILET ROOM ACCESSORIES

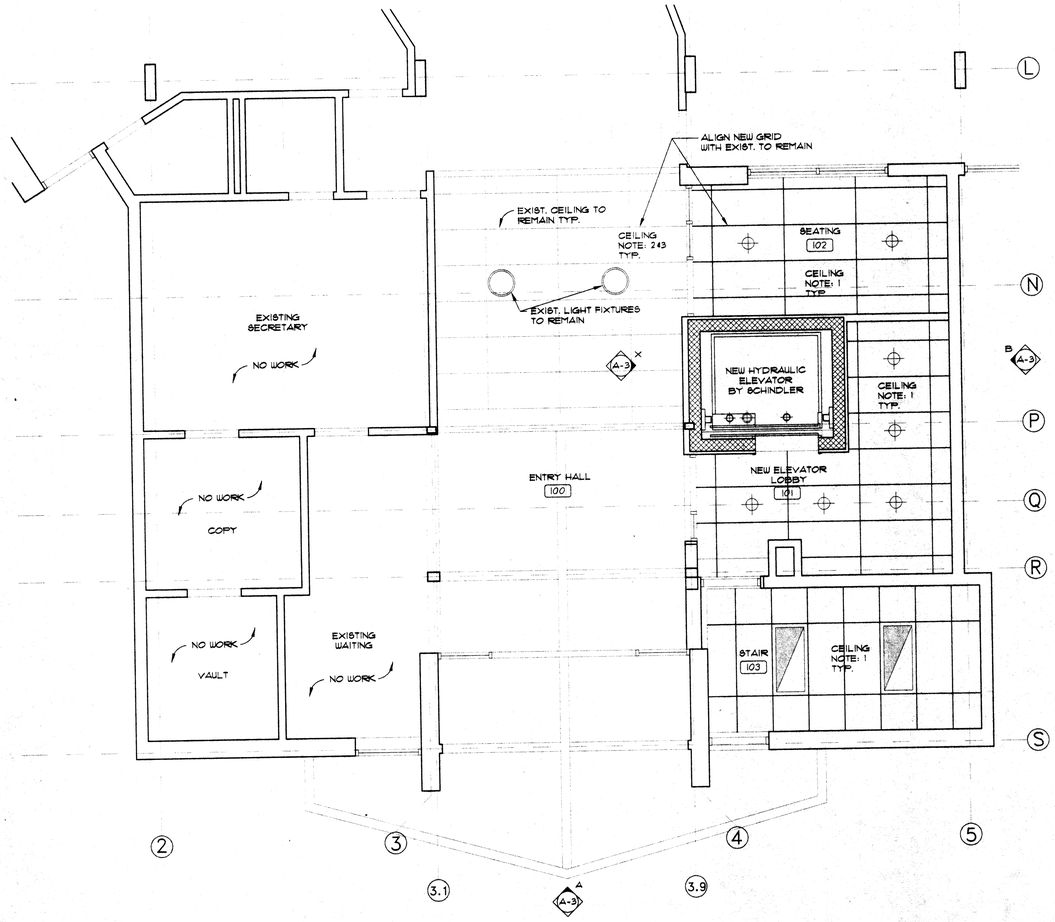
A	FLOOR MOUNTED H.C. TOILET SEE MECH FOR SPEC.	
B	H.C. WALL HUNG LAVATORY MOUNTED @ 2'-10" ADA HGT. SEE MECH FOR SPEC.	
C	1-1/2" S.S. GRAB RAIL TYP. GRAB BAR 36"X54" MTG. HGT.: 36" TO CL.	BOBRICK B-6237
D	20"W X 36"H STEEL FRAMED MIRROR	BOBRICK B-290 - 2036
E	SURFACE MTD. SINGLE ROLL TISSUE PAPER DISPENSER	BOBRICK B-6699

ADA ACCESSORY NOTES

1. ALL ACCESSORIES TO BE TYPE 304 STAINLESS STEEL
2. ALL ACCESSORIES SHALL BE MTD. PER MANU. RECOMMENDATIONS, AND PER ADA REQUIREMENTS.

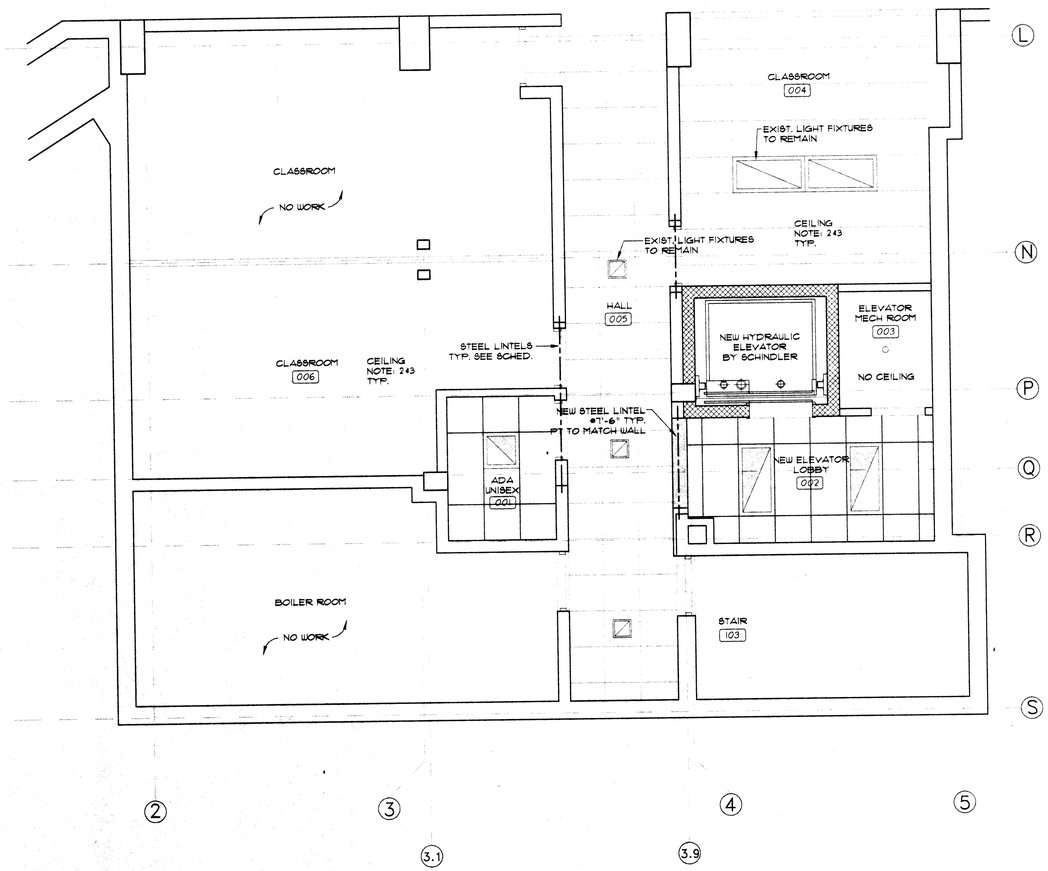
A ENLARGED TOILET ROOM PLAN

SCALE 1/2"=1'-0"



1 FIRST FLOOR CEILING PLAN

SCALE 1/4"=1'-0"



2 LOWER LEVEL FLOOR CEILING PLAN

SCALE 1/4"=1'-0"

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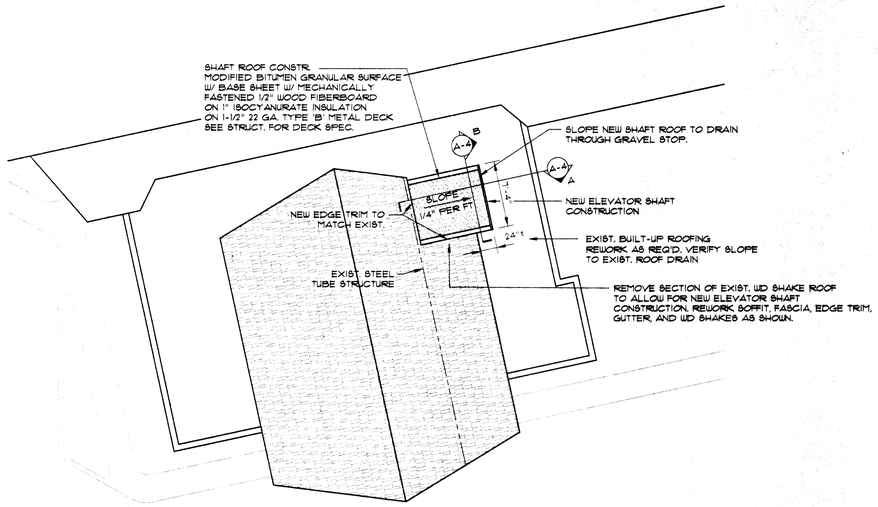
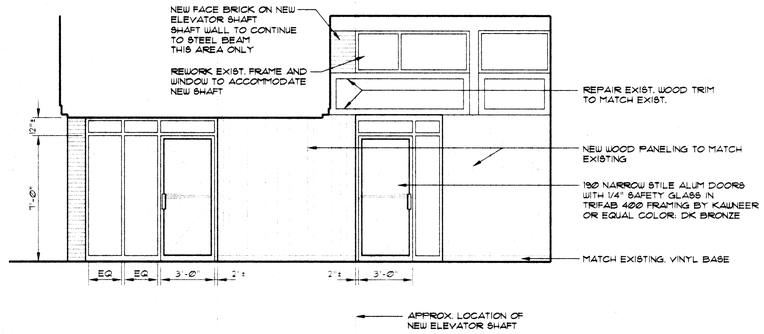


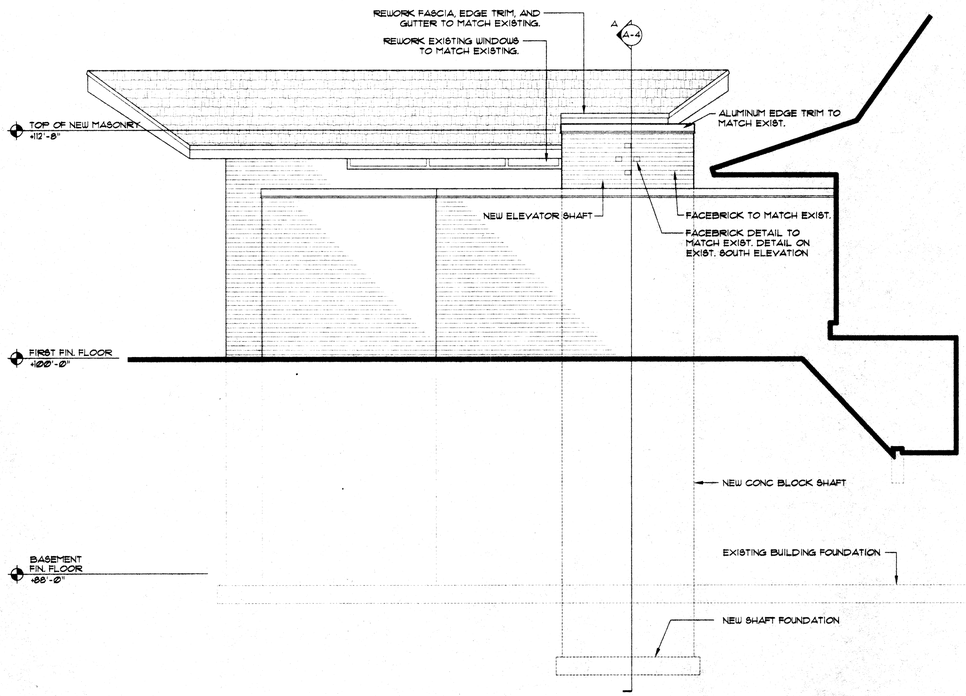
1 PARTIAL ROOF PLAN

SCALE 1/8"=1'-0"



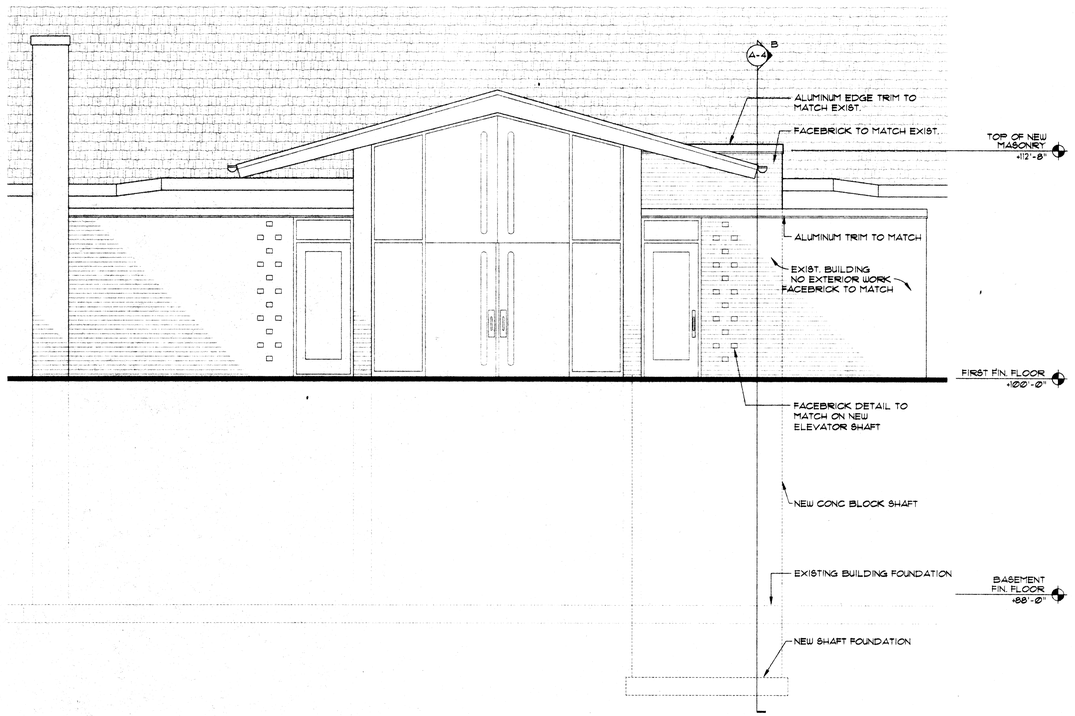
C PARTIAL INTERIOR ELEVATION

SCALE 1/4"=1'-0"



A PARTIAL EAST ELEVATION

SCALE 1/4"=1'-0"



B PARTIAL SOUTH ELEVATION

SCALE 1/4"=1'-0"

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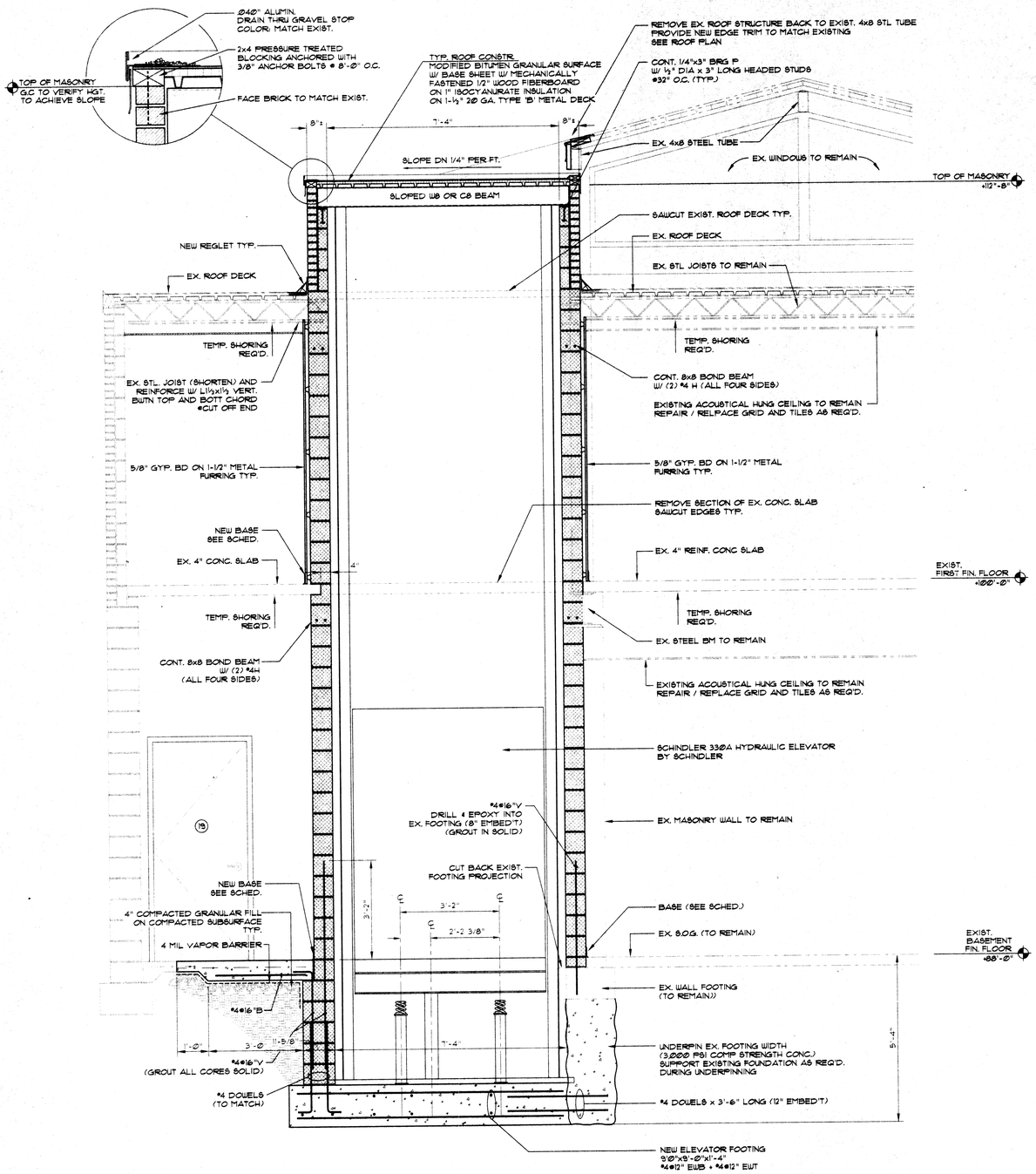
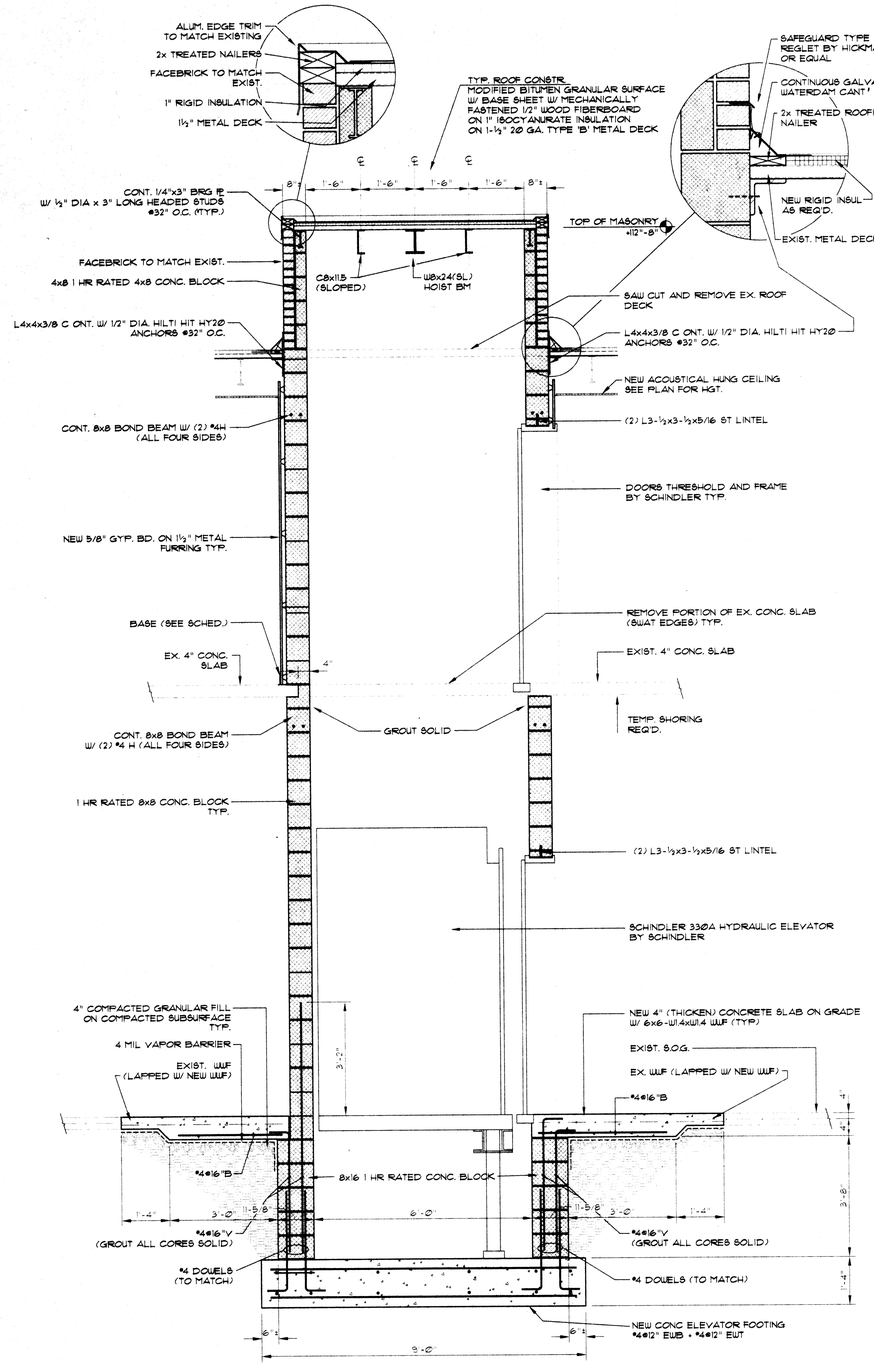


A PARTIAL ELEVATOR SECTION

SCALE 1/2"=1'-0"



B PARTIAL ELEVATOR SECTION

SCALE 1/2"=1'-0"

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LAKEWOOD, OH 44107

A-4

#0027

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR		BASE		WALLS								CEILING			REMARKS
						NORTH		EAST		SOUTH		WEST					
		MAT.	SPEC.	MAT.	SPEC.	MAT.	SPEC.	MAT.	SPEC.	MAT.	SPEC.	MAT.	SPEC.	MAT.	SPEC.	HGT	
001	ADA TOILET	VCT	VCT-1	VB	VB-1	PT	PT-1	PT	PT-1	PT	PT-1	PT	PT-1	ACT	ACT-1	8'-0"	FINISH NOTE #1, 8
002	ELEVATOR LOBBY	VCT	VCT-1	VB	VB-1	PT	PT-1	PT	PT-1	PT	PT-1	PT	PT-1	ACT	ACT-1	9'-6"±	FINISH NOTE #1, 8
003	MECH ROOM	CONC	ETR	-	-	-	-	-	-	-	-	-	-	-	-	-	FINISH NOTE #11
004	CLASSROOM	VCT	VCT-1	VB	VB-1	-	-	-	-	PT	PT-1	PT	PT-1	ACT	ETR	ETR	FINISH NOTE #1, 8
005	HALL	ETR	ETR	VB	VB-1	-	-	PT	PT-1	-	-	PT	PT-1	ACT	ETR	ETR	FINISH NOTE #1, 9
006	CLASSROOM	ETR	ETR	VB	VB-1	-	-	PT	PT-1	PT	PT-1	-	-	ACT	ETR	ETR	FINISH NOTE #1, 9
100	ENTRY HALL	ETR	ETR	VB	VB-1	-	-	WD	WD-1	-	-	-	-	ACT	ETR	ETR	FINISH NOTE #1, 8, 10
101	ELEVATOR LOBBY	VCT	VCT-1	VB	VB-1	PT	PT-1	PT	PT-1	PT	PT-1	PT	PT-1	ACT	ACT-1	8'-0"±	FINISH NOTE #1, 8
102	SEATING	VCT	VCT-1	VB	VB-1	PT	PT-1	PT	PT-1	PT	PT-1	PT	PT-1	ACT	ACT-1	8'-0"±	FINISH NOTE #1, 8
103	STAIR	ETR	ETR	VB	VB-1	-	-	-	-	-	-	-	-	ACT	ACT-1	8'-0"±	FINISH NOTE #6, 7, 8

FINISH NOTES

1. REPAIR GRID AND REPLACE DAMAGED CEILING TILE IN AREAS WHERE EXISTING GRID AND TILE IS TO REMAIN.
2. ALL MATERIALS USED FOR INTERIOR WALL, CEILING FINISH AND FOR INTERIOR TRIM SHALL BE CLASS 2 FLAME SPREAD RATING 26-75 AND SMOKE DEVELOPMENT RATING OF 450.
3. ALL FINISHES TO MATCH EXISTING UNLESS OTHERWISE NOTED.
4. ALL PAINTED SURFACES TO RECEIVE THREE (3) COATS OF PAINT. - ONE COAT PRIMER AND TWO COATS OF PAINT.
5. CARPET FLAMMABILITY: N/A
   IN ALL AREAS EXCEPT EXITS, CARPET MUST HAVE A CRITICAL RADIANT FLUX (CRF) OF 0.22 GREATER WITH A SPECIFIC OPTICAL DENSITY NOT OVER 450. CARPET IN EXITS MUST HAVE AT LEAST A CRF OF 0.50. CARPET PASSING THE CONSUMER PRODUCTS SAFETY COMMISSION FFL-70 (PILL TEST) IS ACCEPTABLE FOR OFFICE AREAS.
6. REPAIR ANY DAMAGED STAIR RISERS OR TREADS. VERIFY AND MATCH EXISTING FINISHES.
7. NEW CEILING HEIGHT TO MATCH EXISTING.
8. NEW VCT FLOOR TO MATCH EXISTING.
9. PATCH AND MATCH EXISTING VCT FLOOR TO REMAIN TO LIKE NEW CONDITION.
10. NEW WD PANELING TO MATCH EXISTING. PANELING IN ENTRY HALL 100.
11. CLEAN AND SEAL CONC. FLOOR.

LEGEND

CPT CARPET
VCT VINYL COMPOSIT TILE
CT CERAMIC TILE

CB CARPET BASE
VB VINYL BASE
CTB CERAMIC TILE BASE
VWC VINYL WALL COVERING
PT PAINT
ACT ACOUSTIC CIELING TILE
GB GYPSUM BOARD
MTL METAL
ETR EXISTING TO REMAIN
CONC CONCRETE

FINISH SPECIFICATIONS

CEILING FINISHES

ACT-1 ARMSTRONG OR EQUAL
24"X48"X5/8"
MATCH EXISTING

G.C. TO NOTIFY ARCHITECT IF TILE OR GRID IS DAMAGED AND CANNOT BE MATCHED.

WALL FINISHES

PT-1 SHERWIN WILLIAMS OR EQUAL
EGGSHELL FINISH
COLOR TO BE SELECTED

FRAME FINISHES

PT-2 SHERWIN WILLIAMS
SEMI-GLOSS
COLOR TO BE SELECTED

DOOR FINISHES

PT-3 SHERWIN WILLIAMS
SEMI-GLOSS
COLOR TO BE SELECTED

NOTE: TOUCH-UP EXIST. DOORS TO REMAIN TO 'LIKE NEW' CONDITION

FLOOR FINISHES

VCT-1 ARMSTRONG
STANDARD EXCELON
VINYL COMPOSITE TILE
COLOR TO BE SELECTED

VB-1 ARMSTRONG
4" VINYL BASE
COLOR TO BE SELECTED

DOOR & HARDWARE SCHEDULE

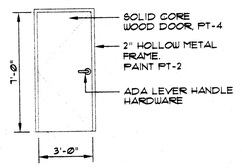
DOOR NO.	LABEL	DOOR TYPE	DOOR MAT	DOOR SIZE	FRAME	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HARDWARE SETS	REMARKS
01-10		EXISTING TO REMAIN								
11	"B" LABEL	B	H.M.	3'x7'	H.M.	TYP.	TYP.	TYP.	SET 2	
12		C	AL/GL	3'x7'	ALUM	TYP.	TYP.	TYP.	BY MANU	
13		C	AL/GL	3'x7'	ALUM	TYP.	TYP.	TYP.	BY MANU	
14		EXISTING TO REMAIN								
15		EXISTING TO REMAIN								
16		EXISTING TO REMAIN								
17		A	WD.	3'x7'	H.M.	TYP.	TYP.	TYP.	SET 3	
18		A	WD.	3'x7'	H.M.	TYP.	TYP.	TYP.	SET 1	
19		A	WD.	3'x7'	H.M.	TYP.	TYP.	TYP.	SET 1	
20		A	WD.	3'x7'	H.M.	TYP.	TYP.	TYP.	SET 1	
21		EXISTING TO REMAIN								

SET 1
1 1/2 PR HINGES
ADA LEVER HANDLES
MORTISED LOCK SET
DOOR STOP

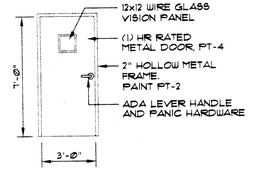
SET 2
1 1/2 PR HINGES
PANIC HARDWARE
DOOR CLOSER
DOOR STOP
(2) KICKPLATES

SET 3
1 1/2 PR HINGES
ADA LEVER HANDLES
PRIVACY LOCKSET
DOOR STOP

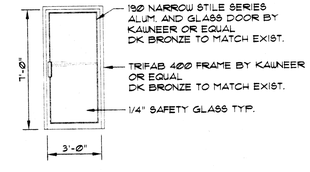
DOOR TYPE 'A'



DOOR TYPE 'B'



DOOR TYPE 'C'



DOOR NOTES

1. ALL DOOR HARDWARE SHALL ALLOW FREE ACCESS IN THE EGRESS DIRECTION AT ALL TIMES
2. ALL NEW DOOR HARDWARE SHALL BE H.C. ACCESSIBLE.
3. ALL H.M. FRAMES TO BE PAINTED PT-2
4. ALL SEPERATE LOCKS SHALL BE MASTER-KEYED TO ONE KEY. VERIFY HARDWARE REQUIREMENTS WITH OWNER PRIOR TO INSTALLATION.

HARDWARE SPECIFICATIONS

LATCHSETS
SARGENT '10 LINE'
W/LEVER HANDLES "LP", OR EQUAL

PRIVACY LOCKSET
SARGENT '10 LINE'
W/BORED LOCK AND MATCHING LEVERS TO ABOVE, OR EQUAL

LOCKSET
SARGENT '10 LINE'
W/BORED LOCK AND MATCHING LEVERS TO ABOVE, OR EQUAL

CLOSER
1250 SERIES
STANDARD DUTY
OR EQUAL

PANIC HARDWARE
SARGENT
OR EQUAL

HARDWARE FINISH TO MATCH EXISTING

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ADA ELEVATOR AND RESTROOM
12501 LAKE AVE
LAKEWOOD, OH 44107

A-5

*0027

SECTION 14240
HYDRAULIC PASSENGER ELEVATORS

PART 1 GENERAL

1.01 DESCRIPTION OF WORK

A. This section covers and includes the furnishing and installing of passenger hydraulic elevator equipment as hereinafter described. Refer to Division 1 for general project requirements.

B. All terms of this specification shall have their meaning defined in the American Society of Mechanical Engineers Safety Code for Elevators and Escalators A17.1 and hereinafter referred to as the ANSI A17.1 Code, including all revisions and authorized changes to date.

1.02 RELATED WORK BY OTHERS

A. General contractor shall provide the following in accordance with the requirements of the ANSI A17.1 Code plus applicable Model Building Code. For specific rules, refer to ANSI A17.1, Section 300 for hydraulic elevators. State or local requirements must be used if more stringent.

1. Clear, plumb hoist way, with variations not to exceed 1/2" at any point. Minimum two hours of fire resistance rating of hatch walls.

2. 75° Bevel guards on all projections, recesses or setbacks over 2" except for loading or unloading.

3. Supports for rail brackets at pit, each floor and roof. Maximum allowable vertical spacing of rail supports, without backing. Divider beams between hoist way at each floor and roof, for guide rail bracket supports.

4. Hoisting beam will not be provided. Elevator contractor to provide hoisting means.

5. Light outlet for each elevator, in center of hoist way (or in the machine room) as indicated by elevator contractor.

6. Recesses, supports, and patching, as required, to accommodate hall button boxes, signal fixtures, etc.

7. All barricades outside elevator hoist ways as required.

8. Dry pit reinforced to sustain normal vertical forces from rails, holeless jack units and buffers. Pit floor to be level and free of debris.

9. Convenience outlet and light fixture in pit with switch located adjacent to the access door.

10. Where access to the pit is by means of the lowest hoist way entrance, vertical ladder of non-combustible material extending 42" minimum above sill of access door or hand grips shall be provided to the same height.

11. Enclosed and protected machine room.

12. Access to the machine room and machinery space as required by the governing code or authority.

13. Lighting, convenience outlets, heating, cooling and ventilation of machine room, and machinery space. Machine room temperature to be maintained between 55 and 90 degrees F.

14. A fused disconnect switch for each elevator and light switch located per the National Electrical Code (NFPA No. 70), and where practical, located inside the machine room adjacent to the door.

15. Suitable copper feeder, ground and branch wiring circuits for signal system and power operated door, included main line switch. Feeder and branch wiring circuits for car light and fan, including main line switch.

16. Clear access above ceiling, or metal/concrete raceways in floor, for oil line and wiring duct from machine room, if machine room is remote from elevator hoistway.

17. Convenience outlet and telephone outlet on control panel.

18. Cutout through machine room wall, 8" x 16", for oil line and wiring duct. Coordinate with elevator contractor at the building site.

19. All conduit and wire runs remote from either the machine room or the hoistways.

20. Heat, smoke or products of combustion sensing devices connected to elevator machine room terminals when such devices are required. Make contacts on the sensors should be sided for 120 volt D.C.

21. Furnish and install finished flooring in elevator cab.

22. Entrance walls and finished floors are not to be constructed until after door frames and sills are in place. Consult elevator contractor for rough opening size. When drywall construction is used, the general contractor shall supply the drywall framing so that the wall fire resistance rating is maintained.

23. Where drywall or sheet rock construction is used for front walls, it shall be of sufficient strength to maintain the doors in true lateral alignment. Drywall contractor to coordinate with elevator contractor.

24. Door frames are to be anchored to walls and properly grouted in place to maintain legal fire rating (masonry construction).

25. The interface of the elevator wall with the hoist way entrance assembly shall be in strict compliance with the elevator contractor's requirements.

26. Filling and grouting around entrances by general contractor as required.

27. For sill support by the elevator contractor, hoist way capable of accepting anchor stud type fasteners must be provided.

28. When fixtures are mounted in drywall, wall thickness may increase. The general contractor must coordinate requirements with the elevator contractor.

29. Where openings occur, all walls and sill supports must be plumb.

1.03 QUALITY ASSURANCE

A. The elevator contractor is a company specializing in manufacturing and installing elevator equipment with not less than five years successful experience.

B. All designs, clearances, construction, workmanship and material, unless specifically excepted, shall be in accordance with the requirements of the ANSI code, handicap accessibility, Americans with Disabilities Act and all codes having legal jurisdiction. The ANSI A17.1 Code shall govern except where codes having legal jurisdiction include more rigid requirements or conflict with the ANSI A17.1 Code.

C. The elevator shall follow design and manufacturing procedures, certified in accordance with International Organization for Standardization (ISO9001) to meet product and service requirements for quality assurance for new products.

1.04 SUBMITTALS

A. The elevator contractor shall, after structural and architectural drawings are furnished, submit complete working drawings, showing the location of all equipment, loads, and all other information necessary to render a totally functional elevator to the owner.

B. The elevator contractor shall provide finish samples upon request.

C. The elevator contractor shall provide wiring diagrams.

D. The elevator contractor shall provide Renewal Parts Catalogs and Maintenance Instructions.

1.05 TEMPORARY USE

A. Temporary use of the car shall be negotiated with the elevator contractor if required and shall be in accordance with the terms and conditions of the elevator contractor's temporary acceptance form.

1.06 WARRANTY

A. The elevator contractor shall guarantee the material and workmanship of the equipment installed by him under these specifications and make good any defects not due to ordinary wear or to improper use which may develop within one year after the completion of the installation or acceptance thereof by beneficial use, whichever is earlier.

1.07 PROPRIETARY INFORMATION

A. Any proprietary material, information or data contained in the equipment, or any component or feature thereof, remains the property of the elevator contractor. This includes, but is not limited to, tools, devices, manuals, software, source codes, access codes, object codes, passwords and remote monitoring feature, which is deactivated if elevator contractor maintenance is discontinued.

1.08 MAINTENANCE

A. The elevator included in these specifications shall receive regular maintenance on each unit for a period of 12 months after the completion of work described herein or acceptance thereof by beneficial use, whichever is earlier.

B. Trained employees shall make periodic examinations and perform work including necessary adjusting, greasing, oiling and replacing parts to keep the elevator in operation, except parts that require replacement because of accidents, vandalism, misuse or negligence by parties other than the manufacturer.

C. The elevator contractor shall perform all work under this Agreement, except emergency minor adjustment call-back service, during regular working hours. The elevator contractor shall provide emergency minor adjustment call back service, during regular working hours.

D. Should the owner request that examinations, cleaning, lubrication, adjustments, repairs, replacements or emergency minor adjustment callback service (unless included above) be performed on other than the elevator contractor's regular working hours of his regular working days, the elevator contractor shall absorb the straight time labor charges and the owner shall compensate the elevator contractor for the overtime premium, travel time and expense at his normal billing rates.

E. The elevator control system can incorporate a built-in remote diagnostic module to relay the constant status of the elevator and control system to a 24 hours 7 days a week central monitoring facility. The remote monitoring device is capable of transmitting information on the current status of the elevator, including any malfunction, system error or shutdown.

PART 2 PRODUCTS / OPERATIONS

2.01 ACCEPTABLE MANUFACTURERS

A. Subject to compliance with requirements, provide products of one of the following manufacturers or approved equivalent:

1. Schindler Elevator Corporation

2.02 ELEVATOR SYSTEM AND COMPONENTS

A. Elevator Equipment Summary:

Building: Cove United Methodist Church
Customer: Cove United Methodist
Location: 17501 Lake Ave. Lakewood, OH
Date: 11/02/2001
Building Type: Assembly/Church
Application: Telescopic Holeless Front Mounted Jack
Service: General Purpose Passenger - Class A Loading
Quantity: 1
Capacity: 2100 lbs.
Speed: 100 fpm
Travel: 12 feet 0 inches
Landings: 2
Front Openings: 2
Rear Openings: 0
Operation: Microprocessor Single Automatic Operation With Onboard Diagnostic Capabilities
Machine Room: Adjacent to elevator hoistway
Platform Size: 6'-1" wide x 5'-4" deep
Cab Height: 8'-0"
Guide Rails: Strength equivalent to 16 lb. per foot
Hoistway Entrances: 3'-0" wide x 7'-0" high S&SO doors
Power Supply: 208 Volts 3 Phase 60 Hz
Contract Maintenance: 12 months with emergency callback, during regular working hours

B. Additional Features:

Anti-Stall Feature
Braille and Audible Signals
Door Open and Close Stall Protection
Emergency Lighting
Firefighter's Service, sensors by others
Independent Service Feature
Infrared Light Curtain Door Protection
Low Oil Return
Overload Sensors
Phase Protection
Start Type: Across the Line
Emergency Power
Locking Service Panel in Car Operating Panel
Pressure Switch
Remote Monitoring Capable
Telephone (ADA compliant hands free)

2.03 MATERIALS AND COMPONENTS

A. Stainless steel shall have #4 satin finish as specified herein. Baked enamel colors, if specified, shall be chosen by the architect from elevator manufacturer's standard color selections.

B. Aluminum used for threshold and hoistway entrance sills shall be extruded aluminum used for exposed frames in suspended ceilings shall be anodized.

C. Plastic laminates shall be general purpose type and meet flame spread ratings as required by code. Pattern shall be selected from the elevator contractor's standard selection.

D. Motors, pumps, valves, fluid tank, hydraulic fluid, microprocessor controller, controls, pushbuttons and wiring shall be UL or CSA approved.

E. Spring buffers, attachment brackets and anchors shall be designed and sized according to code with safety factors.

F. Pump shall be of the positive displacement screw type, designed for steady discharge with minimal pulsations.

G. A muffler shall be provided to reduce noise transmission.

H. A telescopic holeless jack system shall be provided. The jack cylinder shall be mounted to the front of the car structure. Synchronization of jack stages shall be by direct mechanical means to ensure that the elevator moves at a steady speed and provides a smooth ride.

2.04 CAB

A. Cab shall be 8'-0" high from finished floor to underside of canopy.

B. Elevator car enclosure wall sections shall be constructed of no less than 16 gauge (.060) steel panels allowing a deflection of no more than 1/4". The cab wall shall be steel, baked enamel finish.

C. The ceiling shall be suspended with exposed frame with white eggcrate lay-in panels. The lighting shall be fluorescent.

D. Front returns shall be of integral construction. Transoms shall run full width of cab and will be finished in #4 stainless steel.

E. Cab doors shall be flush design both sides, rib construction, finished in #4 stainless steel.

F. Infrared light curtain door protection shall include equip leading edges of car doors with concealed transmitter and receiver infrared beam devices which detect the presence of an object in the process of passing through the hoistway entrance and car doorway. The devices shall use multibeam scanning to detect obstructions in the door opening without any moving parts. The detector device shall prevent the doors from closing, or if they have already started closing, shall cause the doors to reopen and remain open while the object is within the detection zone. Provide a minimum of forty horizontal beams to fill the doorway from ground level to a height of 6 feet.

G. A one speed exhaust fan shall be mounted in cab transom or canopy.

H. A 1/2" x 2" flat brushed aluminum in #4 stainless look handrail shall be mounted on the rear wall.

I. The threshold shall be extruded aluminum.

J. The cab finish flooring shall be furnished and installed by others.

2.05 HOISTWAY ENTRANCES

A. Hoistway door and frame construction shall be UL rated, with required fire rating. Doors shall be of rigid flush panel construction and contain sound-deadening material. Frames shall be securely fastened at the corners to form a unit frame. Frames shall be bolted.

B. Exposed areas of the corridor frames shall be finished in baked enamel color as selected by the architect on all floors.

C. Doors shall be finished in baked enamel color as selected by the architect on all floors.

D. Sills shall be extruded aluminum on all floors.

2.06 CAB FIXTURES

A. The main car operating panel shall be mounted in the return and comply with handicap requirements. Pushbuttons that illuminate using long lasting LED's shall be included for each floor served, and emergency buttons and switches shall be provided per code. Switches for car light and accessories shall be provided.

B. The following cab fixtures shall also be provided:

Car Lantern(s)
Digital Car Position Indicator
Locking Service Panel in Car Operating Panel
Telephone (ADA compliant hands free)

2.07 HALL FIXTURES

A. An up button and down button at intermediate floors and a single button at each terminal floor at a height to comply with handicap requirements.

B. Pushbuttons shall illuminate using long lasting LED's.

C. Fixture cover plates made of high impact materials shall be mounted with tamper resistant fasteners.

PART 3 EXECUTION

3.01 GENERAL

A. Prior to commencing elevator installation, inspect hoistways, hoistway openings, pits and machine rooms as constructed. Verify that hoistway, pit, machine room and openings are of correct size and within tolerance and are ready for work of this section. Notify General Contractor in writing of any dimensional discrepancies or other conditions detrimental to the proper installation or performance of elevator work. Do not proceed with elevator installation until unsatisfactory conditions have been corrected in a manner acceptable to the Installer. Arrange for temporary electrical power to be available for installation work and testing of elevator components.

3.02 INSTALLATION OF ELEVATOR SYSTEM

A. Components will be arranged in machine room so equipment can be removed for repairs or replaced without dismantling or removing other equipment components.

B. Coordinate elevator work with work of other trades, for proper time and sequence to avoid construction delays.

C. Set entrances in vertical alignment with car openings, and aligned with plumb hoistway lines.

D. Adjust for smooth acceleration and deceleration of car so not to cause passenger discomfort. Adjust doors to prevent opening of doors at any landing on the corridor side unless the car is at rest at that landing, or is in the leveling zone and stopping at that landing. Adjust automatic floor leveling feature at each floor to achieve within 1/4" of the landing.

3.03 PERMITS AND TESTS

A. The elevator contractor shall obtain and pay for all necessary Municipal and State permits and relating to the installation of the elevator at his expense, shall make all tests as required by governing codes in effect at the time of the award. The elevator contractor shall be reimbursed for any permits, tests or equipment necessitated by governing authorities after the date of the award.

END OF SECTION 14240

KALAPOS ARCHITECTS
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CLEVELAND, OHIO 44114
216-623-1411 TEL
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ISSUED FOR BIDDING & PERMIT 11.15.01
ISSUED FOR REVIEW
ISSUED FOR CONSTRUCTION
REVISED

STATE OF OHIO
BETH ANN KALAPOS
10434
REGISTERED ARCHITECT

COVE UNITED METHODIST CHURCH
ADA ELEVATOR AND RESTROOM
12501 LAKE AVE
LAKEWOOD, OH 44107

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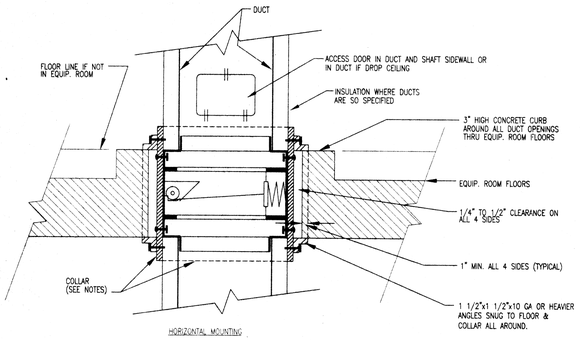
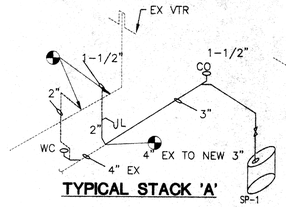
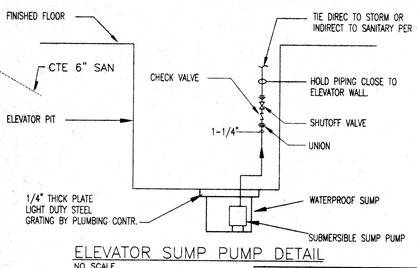


FIRE DAMPER DETAIL

NTS (HORIZONTAL)



TYPICAL STACK 'A'



ELEVATOR SUMP PUMP DETAIL

NO SCALE

FAN SCHEDULE

MARK	EF-1	EF-2
SERVICE	TOILET	ELEV.MACH. RM
CAPACITY (CFM)	100	300
STATIC PRESSURE ("WC)	0.5	0.5
DRIVE	DIRECT	BELT
BHP	70W	0.15
MOTOR HP		0.25
ARRANGEMENT	CEILING	INLINE
ELECTRICAL DATA (VOLT./PH.)	120/1	120/1
OPERATING WEIGHT (LBS.)	15	120
MANUFACTURER	COOK	COOK
MODEL NUMBER	GC-140	SQN70B
REMARKS	1,2	2,3,4

REMARKS:
1. GRAVITY DAMPER
2. DISCONNECT SWITCH
3. MOD
4. INLET SCREEN

GENERAL NOTES:

1. REFER TO ARCHITECTURAL PLANS FOR FINAL LAYOUT.
2. THIS CONTRACTOR TO COORDINATE HIS WORK WITH ALL OTHER TRADES BEFORE FABRICATION AND INSTALLATION OF HIS WORK.
3. THIS CONTRACTOR TO VERIFY ELECTRICAL VOLTAGE BEFORE PURCHASE OF ANY EQUIPMENT.
4. SEE ARCHITECTS REFLECTED CEILING PLANS FOR FINAL DIFFUSER AND GRILLE LAYOUT FOR ROOMS WITH CEILING GRID.
5. CONTRACTOR TO CONTACT UTILITY COMPANIES FOR ALL SERVICE REQUIREMENTS.
6. CONTRACTOR TO OFFSET ALL NEW VENTS A MINIMUM OF 10'-0" FROM ALL OUTSIDE AIR INTAKES.
7. CONTRACTOR TO VERIFY INVERTS OF ALL SANITARY BEFORE COMMENCING ANY NEW WORK. SLOPE SEWERS MIN. 1%
8. CONTRACTOR TO BECOME THOROUGHLY FAMILIAR THE THE PROJECT AND SITE BEFORE COMMENCING WORK. HE SHALL COMPLY WITH ALL REQUIREMENTS, REGULATIONS, OF THE LOCAL, CITY AND STATE AUTHORITIES THAT HAS JURISDICTION OVER THIS STRUCTURE, INCLUDING ALL SAFETY REQUIREMENTS OF OSHA.
9. ALL SUPPLY DUCT IS CLEAR INSIDE DIMENSIONS. PROVIDE 1/2" ACOUSTIC LINING IN RA DUCTWORK.
10. EXACT LOCATION OF HVAC UNIT TO BE DONE IN FIELD AND COORDINATED WITH STRUCTURAL.

PLUMBING FIXTURE SCHEDULE

DESIGNATION	DESCRIPTION	MOUNTING	HW	CW	SAN	VENT	MODEL	FIXTURE
WC-1	WATER CLOSET	WALL		3/4"	4"	2"	FLUSH TANK, FLOOR OUTLET, AMERICAN STANDARD ADA MODEL "CADET" 2216.143	SEAT WHITE HEAVY DUTY COMMERCIAL BEMIS 2150
L-1	LAVATORY	WALL	1/2"	1/2"	1-1/2"	1-1/2"	WHITE VITREOUS CHINA AMERICAN STANDARD LUCERNE 0355.012 ADA COMPLIANT	FAUCET, WRIST BLADE, AERATOR, CHICAGO FAUCET NO 802A-317
FD-1	FLOOR DRAIN	FLOOR		3/8	3"	1-1/2"	PROVIDE WITH TRAP PRIMER, JAY R SMITH FIG 2320	

SP SUMP PUMP TO BE WEIL MODEL 1405 SUBMERSIBLE PUMP WITH FLOAT SWITCH. 1-1/4" DISCHARGE, 1/3 HP, 120/60/1, 30 GPM @ 25 FT OF HEAD. PROVIDE CONTROL PANEL WITH HIGH LEVEL ALARM.

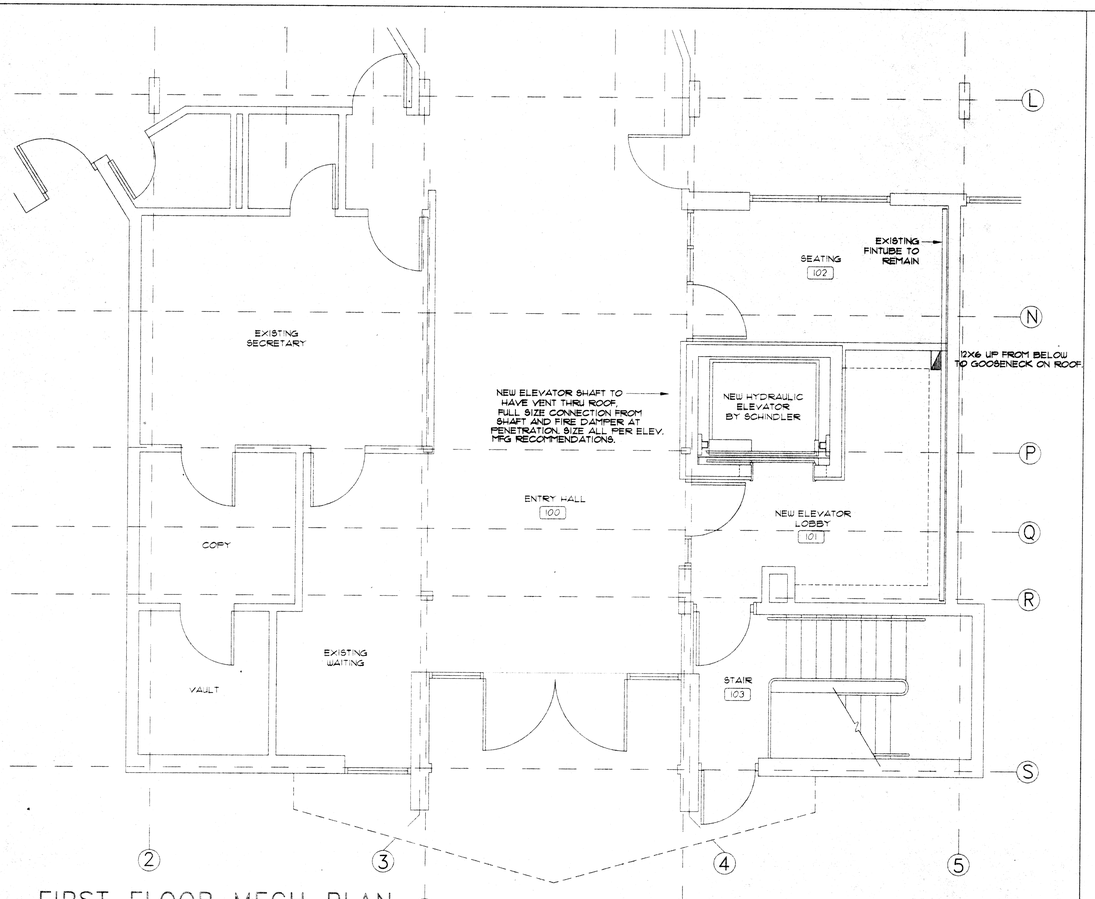
REMARKS
1. REFER TO SPECIFICATIONS
2. PROVIDE ALL STOPS, ESCUCHEONS, TRAPS, HANGERS, ETC FOR COMPLETE WORKING INSTALLATION.

HVAC LEGEND

SYMBOL	DESCRIPTION
MOD	MOTOR OPERATED DAMPER
	SUPPLY DUCT UP
	RETURN OR EXHAUST DUCT UP
XXX / XXX / XXX / XXX	TAG / CFM / NECK SIZE / QUANTITY
	DUCT /SINGLE LINE DUCT
T	THERMOSTAT
EF	EXHAUST FAN

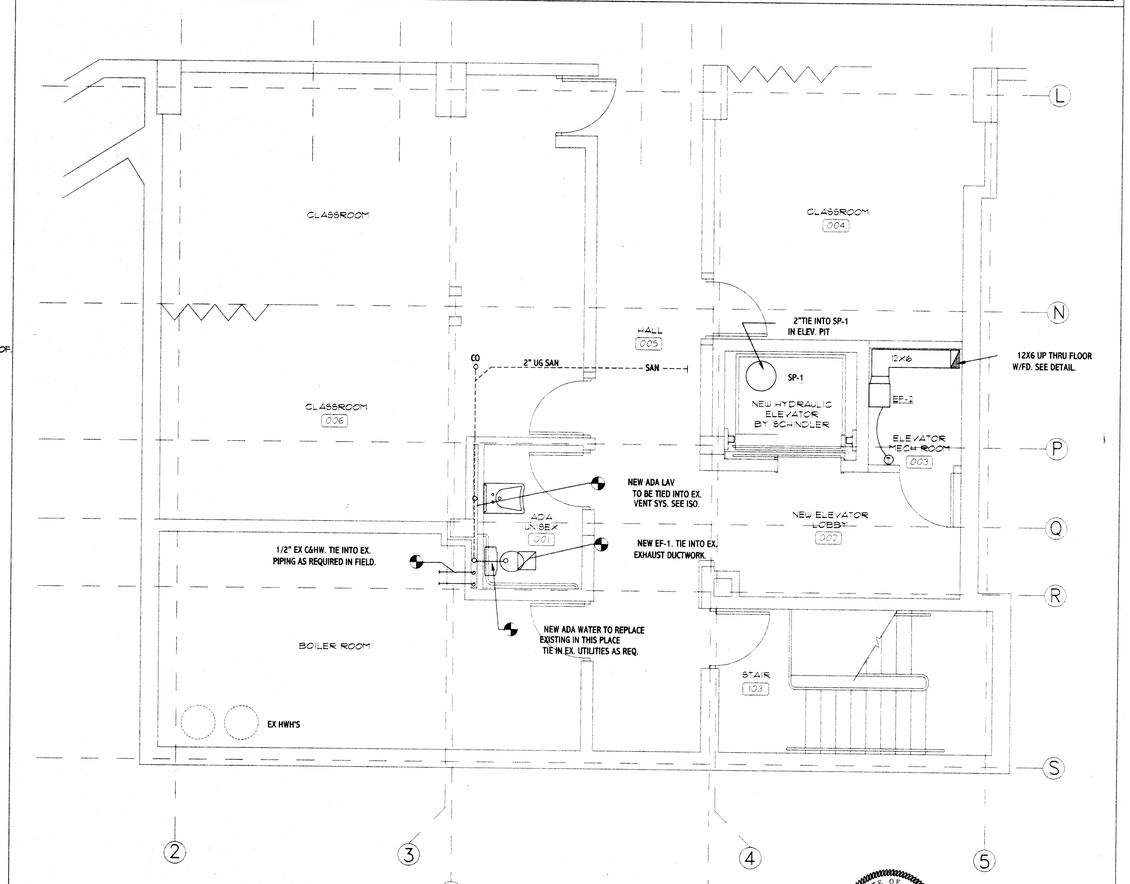
PLUMBING LEGEND

SYMBOL	DESCRIPTION
	SHUT OFF VALVE
	CLEANOUT IN FLOOR OR AT GRADE
	FLOOR DRAIN
	PIPE DROP
	PIPE RISE
	VENT THRU ROOF
CW	COLD WATER PIPING
HW	HOT WATER PIPING
SAN	UNDERGROUND SANITARY SEWER
ST	UNDERGROUND STORM SEWER
V	VENT PIPING
CO	CLEANOUT
CTE	CONNECT TO EXISTING
FD	FLOOR DRAIN



FIRST FLOOR MECH PLAN

SCALE 1/4"=1'-0"



LOWER LEVEL MECH FLOOR PLAN

SCALE 1/4"=1'-0"

KALAPOS ARCHITECTS
2130 SUPERIOR AVE.
SUITE 3B
CLEVELAND, OHIO 44114
216-623-1411 TEL
216-928-6613 FAX

ISSUED FOR BIDDING & PERMIT — ISSUED FOR REVIEW
11.15.01
ISSUED FOR CONSTRUCTION — REVISED

COVE UNITED METHODIST CHURCH

PRELIMINARY ELEVATOR LOCATIONS
12501 LAKE AVE
LAKEWOOD, OH 44107

M-1

#0017

Kretch Assoc., Inc.
33585 Bainbridge Rd.
Suite 109
Solon, Ohio 44139
Tel:440-349-5007
Fax:440-349-5008

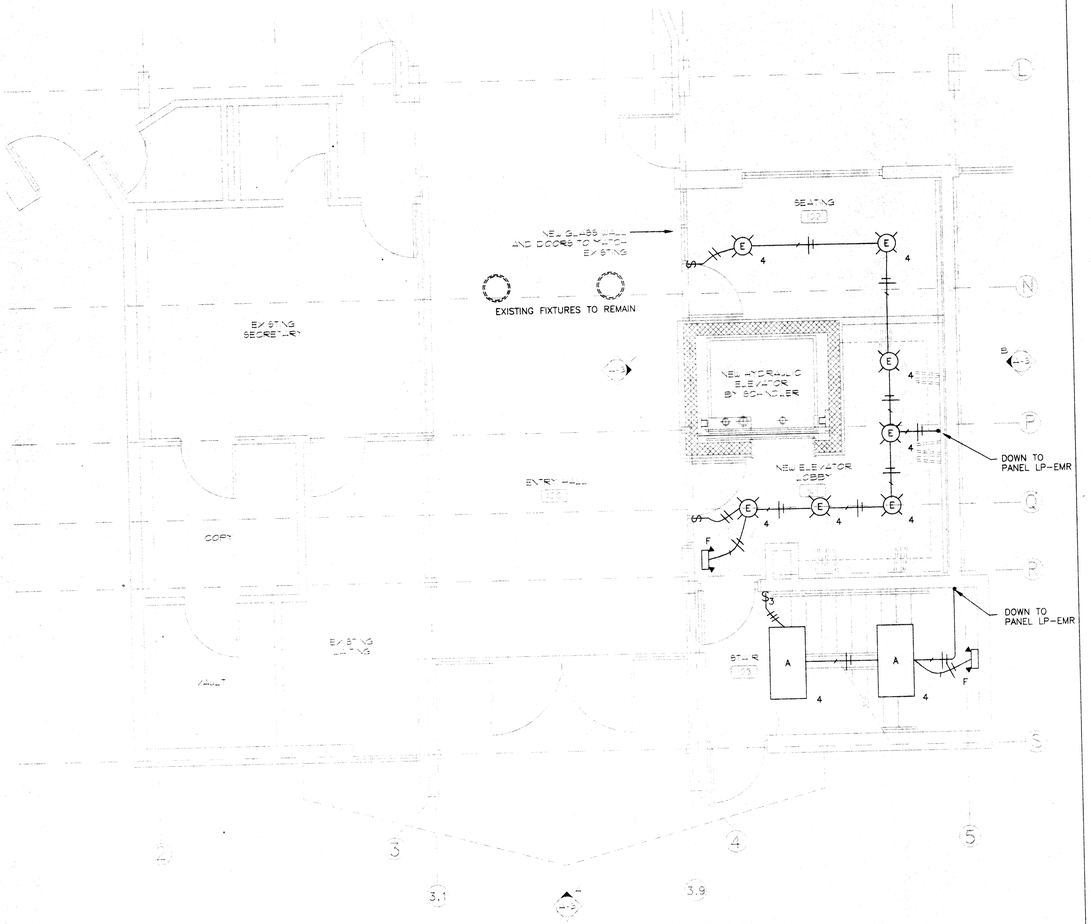
ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
A	2'X4' FLUORESCENT FIXTURE, 2 LAMP, 1 ELECTRONIC BALLAST, LITHONIA – 2SPG232A12120
B	2'X2' FLUORESCENT FIXTURE, 2 LAMP, 1 ELECTRONIC BALLAST, LITHONIA – 2SPG2U31A12120
Ⓒ	HID FIXTURE – 175 WATTS HUBBELL CAT. NO. KLS–175H8–G–P2–10
Ⓓ	HID FIXTURE – 175 WATTS HUBBELL CAT. NO. KLS–175H8–G–P2–10 WITH WALL MOUNT BRACKET
Ⓔ	FLUORESCENT DOWN LIGHT – 42WATT LITHONIA – AFV42TRTBAR120
F	EMERGENCY LIGHT WITH NICKEL–CADMIUM BATTERIES 120V. QUANTUM # 6ELM2 N
	DUPLEX RECEPTACLE – SPECIFICATION GRADE – IVORY COVER PLATE
GFCI	DUPLEX RECEPTACLE – GROUND FAULT CIRCUIT INTERRUPTER – IVORY COVER PLATE
$	SINGLE POLE TOGGLE SWITCH – 48" AFF HUBBELL #1221I – 20A. 120–277V. – IVORY COVER PLATE
$3	THREEWAY TOGGLE SWITCH – 48" AFF HUBBELL #1223I – 20A. 120–277V. – STAINLESS STEEL COVER PLATE
	PANELBOARD – 225A. 120/208V., 3ø, 4W SQUARE D CAT. NO. NQOD30L225CU
	COMBINATION FUSIBLE SWITCH MAGNETIC STARTER – NEMA SIZE 3 SQUARE D CAT. NO. SEG35V02

SYMBOL	DESCRIPTION
$TM	MANUAL STARTER SQUARE D CAT. NO. FG1
	MOTOR FURNISHED BY MECHANICAL CONTROL WIRED BY E.C.
	EXISTING FIXTURE TO REMAIN
Ⓓ	HID FIXTURE – 175 WATTS HUBBELL CAT. NO. KLS–175H8–G–P2–10 WITH WALL MOUNT BRACKET
	#12 CONDUCTORS IN 1/2" CONDUIT WITH GREEN WIRE GROUND.

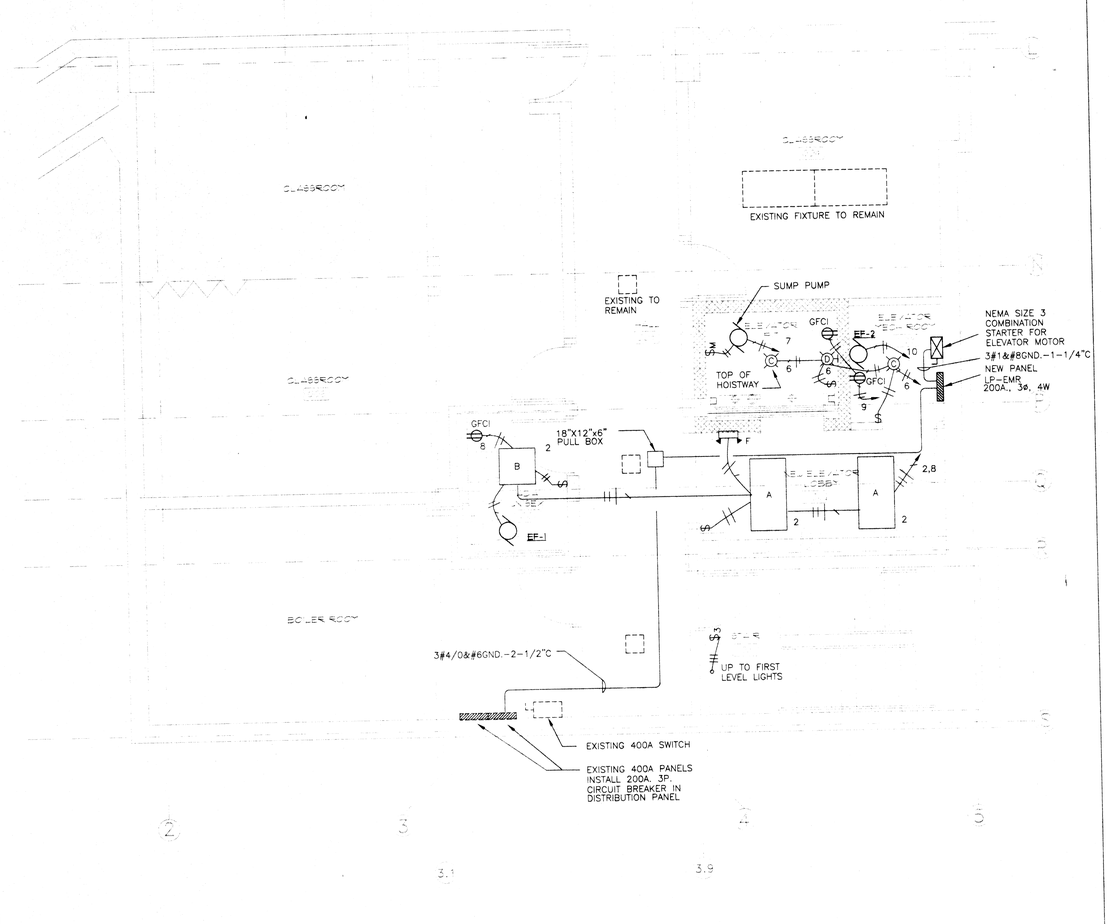
PLAN NOTES

1. REMOVE ALL DEVICES, FIXTURES, CONDUIT AND CONDUCTORS ASSOCIATED WITH WALL REMOVAL. SEE ARCHITECTURAL PLANS.
2. RECONNECT EXISTING OPERATIONAL CIRCUITS DISTURBTED RESULTING FROM WALL REMOVAL.
3. PROVIDE AND INSTALL 200A., 2P. CIRCUIT BREAKER IN EXISTING 400A., 208V., 3ø, 4 WIRE, DISTRIBUTION PANEL.
4. PROVIDE AND INSTALL NEW PANELBOARD, NEW COMBINATION STARTER, LIGHT FIXTURES, SWITCHES, AND RECEPTACLES.
5. CONNECT SUMP PUMP, AND EXHAST FANS FURNISHED BY MECHANICAL CONTRACTOR.
6. CONNECT ELEVATOR MOTOR FURNISHED BY ELEVATOR VENDOR.



1 FIRST FLOOR ELECTRICAL PLAN

SCALE 1/4"=1'–0"



2 LOWER LEVEL ELECTRICAL PLAN

SCALE 1/4"=1'–0"

KALAPOS ARCHITECTS
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SUITE 3B
CLEVELAND, OHIO 44114
216–623–1411 TEL
216–928–6613 FAX

ISSUED FOR BIDDING & PERMIT	ISSUED FOR REVIEW
	8.17.01
	9.09.01

ISSUED FOR CONSTRUCTION REVISED

STATE OF OHIO
WILLIE WILSON
34110
REGISTERED PROFESSIONAL ENGINEER

COVE UNITED METHODIST CHURCH

PRELIMINARY ELEVATOR LOCATIONS
12501 LAKE AVE
LAKEWOOD, OH 44107

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ELECTRICAL SPECIFICATIONS

1. THE FOLLOWING SPECIFICATIONS ARE A PART OF THE CONTRACT FOR THE WORK COVERED HEREIN. PROVIDE AS-BUILT DRAWINGS.

   GUARANTEE ALL MATERIAL AND LABOR FOR ONE YEAR FROM DATE OF PROJECT ACCEPTANCE BY OWNER, REPAIR ALL DEFECTIVE MATERIAL AT NO CHARGE DURING GUARANTEE PERIOD.

2. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS. NO ADDITIONAL COMPENSATION SHALL BE AWARDED WHERE EXTRA LABOR OR MATERIALS ARE REQUIRED BECAUSE OF UNFAMILIARITY.

3. ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES. THE ELECTRICAL CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED TO PERFORM THE ELECTRICAL WORK.

4. THE DRAWINGS INDICATE DIAGRAMMATICALLY THE LOCATIONS OF ELECTRICAL DEVICES, EQUIPMENT AND FIXTURES; AND THE METHOD OF CONNECTION. THE DRAWINGS DO NOT INDICATE EVERY CONNECTION IN DETAIL OR ALL FITTINGS FOR A COMPLETE SYSTEM. MATERIAL OR LABOR WHICH IS NOT INDICATED ON THE DRAWINGS OR INCLUDED IN THE SPECIFICATIONS, BUT IS ABSOLUTELY NECESSARY TO COMPLETE THE WORK, SHALL BE PROVIDED.

5. THE ELECTRICAL CONTRACTOR SHALL REFER TO PLANS AND SPECIFICATIONS OF THE OTHER TRADES FOR ELECTRICAL WORK PERTAINING TO THE INSTALLATION OF OTHER TRADES.

6. ALL EQUIPMENT AND MATERIAL SHALL BE NEW AND BEAR UL LABELS AND LISTINGS.

7. COORDINATE WORK WITH THE OTHER TRADES FOR SPACE REQUIREMENTS, DISCREPANCIES OR CONFLICT OF WORK. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF THE ELECTRICAL WORK. VERIFY EXACT LOCATION OF DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.

8. SUBMIT SHOP DRAWINGS FOR ALL EQUIPMENT PRIOR TO ORDERING.

9. CONDUIT SUPPORTS, FASTENERS, ETC. SHALL BE GALVANIZED AND CORROSION RESISTANT. SUPPORT CONDUIT FROM BUILDING STRUCTURE ONLY. DO NOT USE CEILING HANGER WIRES OR ROOF DECK FOR SUPPORT. THE USE OF PERFORATED METAL STRAPS IS NOT PERMITTED ON THE PROJECT. INSTALL PULL WIRES IN EMPTY OR FUTURE USE CONDUITS. TYPE AC AND MC CABLE MAY BE USED FOR BRANCH CIRCUIT WIRING WHERE PERMITTED BY AUTHORITY HAVING JURISDICTION. HOWEVER, RUNS TO PANELBOARDS SHALL BE E.M.T. CONDUIT INSTALLED BELOW GRADE OR FLOOR SLAB SHALL BE PVC SCHEDULE 40 WITH RGS-UL-6 TRANSITION PRIOR TO EXITING ABOVE GRADE. PROVIDE & INSTALL YELLOW MARKER TAPE IN ALL EXTERIOR CONDUIT TRENCHES 12" BELOW GRADE. ABSOLUTELY NO PVC SHALL BE PERMITTED ABOVE FLOOR LINE WITHIN BUILDING.

10. WIRE SHALL HAVE SOLID OR STRANDED COPPER CONDUCTORS FOR #10 AND #12 WIRE AND STRANDED COPPER CONDUCTORS FOR WIRE #8 AND LARGER. WIRE SHALL HAVE THHN/THWN INSULATION. TAG ALL CONDUCTORS AT TERMINATIONS AT JUNCTION BOXES WITH BRADY LABELS. TORQUE TERMINATIONS PER MANUFACTURER'S RECOMMENDATIONS. COLOR CODE WIRING AS FOLLOWINGS:

    208Y/120 VOLTS

BLACK	A
RED	B
BLUE	C
WHITE	N
GREEN	G

11. PANEL DIRECTORIES SHALL BE TYPED. PROVIDE AND INSTALL ENGRAVED PHENOLIC NAMEPLATES FOR MOTOR STARTERS, PANELBOARDS, SAFETY SWITCHES, ETC.

12. TEST WIRING SYSTEMS FOR SHORTS AND GROUNDS PRIOR TO ENERGIZING CIRCUITS. CONNECT ALL HVAC EQUIPMENT PER APPROVED MANUFACTURER'S DRAWINGS.

13. TEMPERATURE CONTROL WIRING, CONDUIT AND DEVICES SHALL BE FURNISHED AND INSTALLED BY HVAC CONTRACTOR. SEE MECHANICAL SPECIFICATIONS.

14. ALL EQUIPMENT INSTALLED ON ROOF SHALL BE WEATHERPROOF. EXTERIOR BUILDING DEVICES AND FIXTURES SHALL BE SECURED WITH STAINLESS STEEL SCREWS. PENETRATE ROOF, WHERE NECESSARY, WITH PATE CURBS. COORDINATE LOCATION WITH ARCHITECT AND ROOFING CONTRACTOR.

15. VERIFY CEILING CONSTRUCTION WITH GENERAL CONTRACTOR & COORDINATE LIGHT FIXTURE MOUNTING WITH CEILING CONSTRUCTION. SUPPORT ALL RECESSED LIGHTING FIXTURES INDEPENDENTLY OF CEILING SUSPENSION SYSTEMS. INSTALL LIGHT FIXTURES TO PRECLUDE CONTACT WITH INSULATION MATERIAL.

16. WIRING DEVICE COVER PLATES SHALL BE SMOOTH, HIGH IMPACT, NYLON, IVORY COLOR. WIRING DEVICES SHALL BE AS LISTED IN THE SYMBOL LEGEND ON THE DRAWINGS. THE WIRING DEVICES LISTED ARE INDICATED TO DEFINE THE TYPE AND QUALITY OF EQUIPMENT REQUIRED. THE ELECTRICAL CONTRACTOR MAY SUBMIT SIMILAR WIRING DEVICES AS MANUFACTURED BY ARROW-HART OR PASS & SEYMOUR.

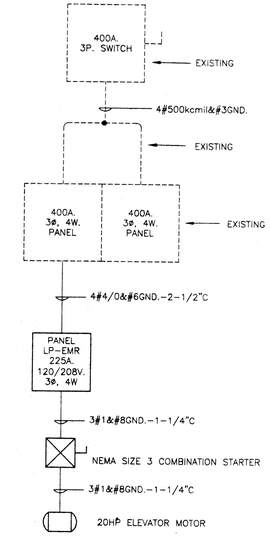
17. TELEPHONE AND DATA EQUIPMENT AND WIRE SHALL BE FURNISHED AND INSTALLED BY OTHERS UNDER SEPARATE CONTRACT WITH OWNER.

18. GROUNDING OF EQUIPMENT AND DEVICES SHALL COMPLY WITH N.E.C. ARTICLE 250 AND AUTHORITY HAVING JURISDICTION. PROVIDE AND INSTALL A SEPARATE EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS.

PANEL SCHEDULE

PANEL DESIGNATION: LP-EMR PANEL VOLTAGE: 120/208 MAIN BREAKER AMPS: M.L.O. MOUNTING: SURFACE
LOCATION: ELEVATOR MACHINE ROOM PANEL PHASE & WIRE: 3ø, 4W BUS AMP RATING: 225

CIRCUIT NUMBER	BREAKER SIZE	NUMBER OF POLES	DESCRIPTION	QUANITY OF ITEMS	CIRCUIT AMPS	PHASE AMPS (3ø) A	B	C	CIRCUIT AMPS	QUANITY OF ITEMS	DESCRIPTION	NUMBER OF POLES	BREAKER SIZE	CIRCUIT NUMBER
1	100	3	ELEVATOR MOTOR	1	72.0	73.6	●	●	1.6	4	LOWER LOBBY LIGHTS ADA TOILET LIGHTS	1	20	2
3			|		72.0	●	83.8	●	11.3	9	1ST FL. LOBBY LIGHTS STAIR LIGHTS	1	20	4
5			|		72.0	●	●	86.6	4.6	3	ELEVATOR HOISTWAY MACHINE RM. LIGHTS	1	20	6
7	20	1	SUMP PUMP MOTOR	1	7.2	8.7	●	●	1.5	1	ADA TOILET RECEPTACLE	1	20	8
9	20	1	HOISTWAY RECEPTACLE MACHINE RM RECEPTACLE	2	3.0	●	8.8	●	5.8	1	MACHINE ROOM EXHAUST FAN	1	20	10
11	20	1	SPARE			●	●				|	1	20	12
13	20	1	|				●	●			|	1	20	14
15	20	1	|			●		●			|	1	20	16
17	20	1	|			●	●				|	1	20	18
19			SPACE				●	●			SPACE			20
21			|			●		●			|			22
23			|			●	●				|			24
25			|				●	●			|			26
27			|			●		●			|			28
29			|			●	●				|			30
			TOTAL CONNECTED LOAD- 33.3.kVA			82.3	92.6	86.6						



PARTIAL ONE-LINE DIAGRAM

NO SCALE

KALAPOS ARCHITECTS
2130 SUPERIOR AVE.
SUITE 3B
CLEVELAND, OHIO 44114
216-623-1411 TEL
216-928-6613 FAX

ISSUED FOR BIDDING & PERMIT	ISSUED FOR REVIEW
11.15.01	8.17.01
	9.09.01

ISSUED FOR CONSTRUCTION REVISED

STATE OF OHIO
WILLIE WILSON
34110
REGISTERED
PROFESSIONAL ENGINEER

COVE UNITED METHODIST CHURCH

ADA ELEVATOR AND RESTROOM
12501 LAKE AVE
LAKEWOOD, OH 44107

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